



Water-Data Report 2009

390458078003701 Local number 46W191

Valley and Ridge aquifers
 Elbrook Formation
 Clarke County, VA

LOCATION.--Lat 39°04'58.11", long 78°00'37.33" referenced to North American Datum of 1983, Clarke County, VA, Hydrologic Unit 02070007, 0.86 mi southeast of intersection of State Highways 255 and 651.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 34.62 ft. Upper casing diameter undefined; top of first opening undefined, bottom of last opening undefined.

DATUM.--Land-surface datum is 520.37 ft above North American Vertical Datum of 1988. Measuring point: TOP OF STEEL PLATE, 0.00 ft above land-surface datum, Oct. 21, 2004, to present.

PERIOD OF RECORD.--October 2004 to April 2009.

GAGE.--Occasional measurement with chalked tape by USGS personnel.

REMARKS.--Well is located in the Elbrook Limestone of Middle and Upper Cambrian age.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 7.49 ft below land-surface datum, May. 2, 2005; lowest measured, 32.64 ft below land-surface datum, Jan. 22, 2008.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

[Measurement method: S, steel tape. Water-level status: --, static.]

Date	Water level	Measure-ment method	Water-level status	Date	Water level	Measure-ment method	Water-level status
Oct 20	26.12	S	--	Apr 16	29.85	S	--

Water year 2009 highest: 26.12 Oct 20, 2008; lowest: 29.85 Apr 16, 2009